Supply Chain Management

What Is the SCMCBA?

The supply chain is among the most understudied areas of capital projects. Creating new knowledge here in the CII model has the most potential for making a step change in how projects are planned and executed.

With the intent to create this value, the SCMCBA was formed in 2016. The SCMCBA is composed of members that share this vision of enhanced project performance through the exchange of supply chain management and related procurement and materials management practices.

The SCMCBA is sponsored by CII’s Associated Director for Deployment from whom it receives guidance and oversight on compliance with its charter.

A Complex, Global Supply Chain

Examples of SCM Related Studies
RT 344
Improved Integration of the Supply Chain in Materials Planning and Work Packaging - Part I: Visibility

Research Team (RT) 344 developed and conducted surveys for 1) self-assessment of performance on visibility items 2) on enablers and barriers which demonstrated that the industry has significant room for improvement. The research team recommended a three pronged approach to improve.

CBA Objectives

Communicate principles, practices, and tools for successful implementation of key supply chain management principles through knowledge sharing and participation.

Connect with research teams related to this topic area to provide input and commentary.

Submit supply chain management related research topic nominations to the CII Funded Studies Committee and Sectors and participate as a resource.

RT 363
Integrating the Supply Chain with AWP Practices

Having kicked off in January 2019, Research Team (RT) 363 seeks to advance the state of knowledge and industry procurement processes supporting effective Advanced Work Packaging (AWP) implementation. Key research objectives include:

1. Review current procurement and supply chain practices
2. Review current processes in use by AWP practitioners related to supply chain/procurement
3. Define supplier challenges and potential benefits from AWP implementation
4. Make recommendations for new or revised AWP processes related to procurement and supply chain – look for win/win opportunities
5. Develop specific implementation guidelines for the integration of suppliers into the AWP process, as well as addressing data integration requirements
JOIN THE SUPPLY CHAIN MANAGEMENT CBA!

How We Operate
Making supply chain more visible and better integrated is key to making measurable improvements in our industry.

The SCMCBA fosters these goals through our monthly virtual meetings where we discuss trending supply chain topics including technological concepts and practices of block-chains and AI utilization.

Deliverables
- Identify current and leading-edge supply chain management issues and provide collaborative comment/opinion on them.
- Develop and keep a list of relevant topics that can be of benefit to Supply Chain Management CBA members.
- Connect with research teams related to this topic area to provide input and commentary.
- Submit supply chain management related research topic nominations to the CII Funded Studies Committee and participate as a resource.
- Maintain an updated SharePoint site that documents Supply Chain Management CBA activities.
- Report periodically to CII’s Associate Director of Sector Leadership on Supply Chain Management CBA membership, activities, and deliverables.
- Publicize the activities of the Supply Chain Management CBA to the CII membership.

Key Interactions
- Procurement Executives Group (PEG)
- Other CII committees and communities
- CII Staff
- Outside speakers/Industry experts

Critical Success Factors
- Active owner, contractor and supplier participation, knowledge sharing, and learning
- Regular growth of the body of knowledge presented in the Supply Chain Management CBA site
- Supply Chain Management CBA deliverables are viewed by its members as a valuable contribution to CII programs and the construction industry
- Activities are supported by CII and align with CII’s Strategic Plan.

Areas of Interest
Advanced Work Packaging
Supplier Engagement
Technology including Blockchain and AI
Purchasing
Material Management
Market Conditions
Government/Tariffs

Interested in Joining?
Contact Us
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Get Involved!
We meet every 1st Thursday of the month at 10 am CST.
http://go.cii.today/CBA